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submitted to USEPA for review. Agency comments will be incorporated into the final Remedial Investigation Report. The RI report will include the following:

- 1) Executive Summary
- 2) Site Background
- 3) Investigation Results including a description of:
  - a) Field Investigation Activities and Technical Approach;
  - b) Analytical Methods and Analytical Results; and
  - c) Field Methods for the collection of:
    - i. Biological samples;
    - ii. Surface Water samples;
    - iii. Sediment Samples;
    - iv. Surface and Subsurface Soil Samples;
    - v. Groundwater Samples;
    - vi. Indoor Air Samples;
    - vii. Soil Vapor Samples; and
    - viii. Soil Boring, Vapor Probe, Piezometer, and Monitoring Well Installation Procedures.
- 4) Site Characteristics with respect to:
  - a) Regional and Site Geology;
  - b) Regional and Site Hydrogeology;
  - c) Site Meteorologic Conditions; and
  - d) Surrounding Demographics and Land Use data.
- 5) An Ecological Assessment
- 6) Nature and Extent of Contamination with respect to
  - a) Contaminant Sources;
  - b) Contaminant Distribution and Trends;
  - c) Fate and Transport of Contaminants;
  - d) Contaminant Characteristics;
  - e) Contaminant Transport Processes; and

- f) Contaminant Migration Trends.
- 7) Human Risk Assessment that will include
- a) Hazard Identification for each source
  - b) A Dose-Response Assessment
  - c) A Conceptual Exposure / Pathway Analysis;
  - d) Characterization of Site and Potential Receptors;
  - e) Characterization of Site and Potential Receptors
  - f) Exposure Assessment;
  - g) Risk Characterization;
  - h) Identification of Limitations and Uncertainties; and
  - i) A Site Conceptual Model.
- 8) Ecological Risk Assessment that will include
- a) Hazard Identification for each source
  - b) A Dose-Response Assessment
  - c) A Conceptual Exposure / Pathway Analysis;
  - d) Characterization of Site and Potential Receptors;
  - e) Select Chemicals, Indicator Species, and End Points;
  - f) Exposure Assessment;
  - g) Toxicity Assessment and Ecological Effects Assessment;
  - h) Risk Characterization;
  - i) Identification of Limitations and Uncertainties; and,
  - j) A Site Conceptual Model
- 9) Summary and Conclusions

The objective of the report will be the accurate presentation of Site conditions with respect to contaminated media, extent of contamination, and fate and transport of contaminants. Key contaminants will be selected based upon persistence and mobility in the environment and the degree of hazard. These key contaminants will be evaluated for receptor exposure to estimate contaminant levels that may reach human or environmental receptors. Water quality standards, indoor air standards, soil cleanup standards, and any other appropriate criteria accepted by the EPA will be used to evaluate potential effects